

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 14, 2008
For Week Ending: April 13, 2008
ND-CW1508

**ERRATA – AVERAGE SOIL TEMPERATURES
HAVE BEEN CORRECTED**

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Planting in the eastern parts of the state had another setback as the latest rain and snow storm hit the area, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Western areas were still in need of moisture as cool, dry conditions continued last week according to reporters. Plantings became more widespread in western areas this past week. In the eastern areas, producers prepared machinery for fieldwork. Topsoil moisture supplies were rated 32 percent very short, 29 short, 36 adequate and 3 surplus, compared with the five-year (2003-2007) average of 6 percent very short, 18 short, 68 adequate and 8 surplus.

Crops: Planting of spring wheat progressed to 6 percent complete, compared with none last year and 5 percent on average. Durum wheat, oats, barley and dry peas were each 3 percent seeded, all ahead of last year. The statewide average starting date for fieldwork is expected to be April 15, one day behind the previous week but ahead of last year. The expected starting date ranged from April 2 in the southwestern district to April 23 in the northeastern district. The statewide five-year (2003-2007) average starting date is April 17.

Livestock: Reporters in western areas remain concerned about water supplies and pasture growth for livestock. Calving and lambing progressed well last week. Calving and lambing were 67 and 78 percent complete, respectively, both behind the five-year average. Shearing gained 6 percentage points to 84 percent complete. Cow conditions were rated 1 percent poor, 14 fair, 71 good and 14 excellent. Sheep conditions were rated 2 percent poor, 19 fair, 65 good and 14 excellent. Lamb conditions were rated 1 percent poor, 17 fair, 68 good and 14 excellent.

Hay and forage supplies were rated 1 percent very short, 7 short, 85 adequate and 7 surplus, compared with last year's rating of 8 percent very short, 16 short, 72 adequate and 4 surplus. Grain and concentrate supplies were 2 percent very short, 7 short, 86 adequate and 5 surplus. Pasture and ranges were 94 percent dormant across the state.

Soil Temperatures: Average soil temperatures on April 13, ranged from a low of 32 degrees F in Wyndmere to a high of 48 in Turtle Lake. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

**Planting: Percent Completed
North Dakota, Week Ending April 13, 2008¹**

Crop	Week Ending			2003-2007 Avg
	April 13, 2008	April 6, 2008	April 13, 2007	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	3	1	0	2
Durum Wheat	3	0	0	2
Spring Wheat	6	2	0	5
Oats	3	0	0	3
OTHER CROPS				
Canola	0	0	0	1
Dry Edible Peas	3	1	0	NA
Sugarbeets	0	0	0	2

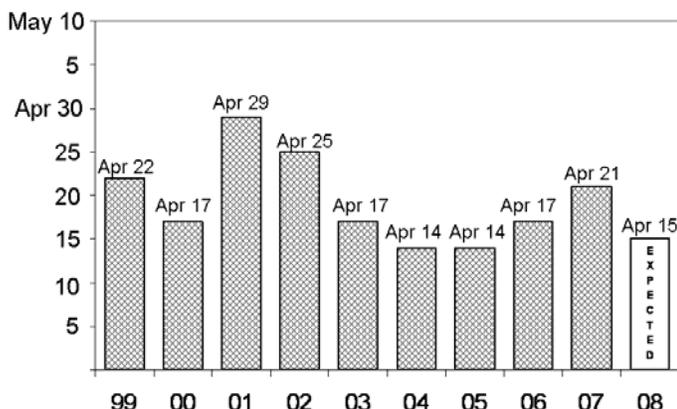
¹ Progress is based on current intended acreage. NA = Not Available

Average Soil Temperatures*, April 13, 2008

Station	Temperature Degrees F	Station	Temperature Degrees F
NORTHWEST		CENTRAL	
Bowbells	40	Carrington	43
Minot	42	Robinson	41
Williston	47	Streeter	36
NORTH CENTRAL		EAST CENTRAL	
Baker	42	Dazey	36
Bottineau	42	Fargo	38
Rolla	42	SOUTHWEST	
NORTHEAST		Bowman	41
Cavalier	42	Dickinson	47
Grand Forks	38	SOUTH CENTRAL	
Langdon	37	Linton	41
WEST CENTRAL		SOUTHEAST	
Turtle Lake	48	Oakes	35
Watford City	46	Wyndmere	32

*Thermometers located 4 inches under bare soil.
Source: NDAWN, Department of Soil Science, NDSU.

**Average Start Date for Fieldwork
North Dakota, 1999-2008**



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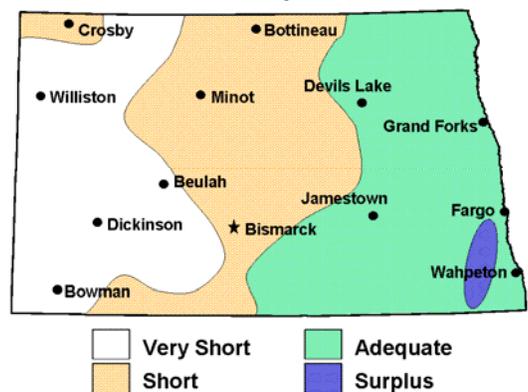
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 13, 2008

Soil Moisture Supplies
North Dakota, Week Ending April 13, 2008

Date	Week Ending			2003-2007 Avg
	April 13, 2008	April 6, 2008	April 13, 2007	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	32	31	1	6
Short	29	31	13	18
Adequate	36	35	78	68
Surplus	3	3	8	8
Subsoil				
Very Short	32	26	7	10
Short	31	37	35	25
Adequate	36	36	55	60
Surplus	1	1	3	5

Topsoil Moisture Supplies
North Dakota, April 13, 2008



Weather: The past week had below normal temperatures with the northern part of the state seeing near normal temperatures. Monday was mainly dry with highs in the upper 40s to mid-50s. Tuesday and Wednesday continued to stay dry with highs in the 50s. On Thursday, a storm system moved through the state bringing precipitation statewide with highs in the upper 40s to 50s. On Friday, scattered showers moved mainly through the southern part of the state. Saturday and Sunday stayed dry with highs in the upper 40s to 50s on Saturday and warmed up to the 50s to 60s on Sunday.

Outlook, April 14-20: This week looks to have above normal temperatures with it starting off dry with a decent chance of precipitation in the middle of the week. Monday will overall be warm and dry with highs in the upper 50s to upper 70s. On Tuesday, there is a chance of scattered showers in the western half of the state with highs in the 60s to mid-70s. Wednesday cools down with a chance of showers statewide with highs in the 50s. Thursday will warm back up with a chance of an isolated shower in the eastern half of the state with highs in the 60s. Friday and Saturday look to be dry with highs in the 60s on Friday and highs in the 60s to 70s on Saturday. On Sunday, there is a chance of an isolated shower, especially in the eastern half of the state with highs in the 60s.

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 13, 2008

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	61	21	0.02	0.02	-0.53
Williston	63	24	0.19	0.19	-0.29
Mohall	61	14	0.01	0.01	-0.55
Minot	60	16	0.04	0.04	-0.70
(2) Baker	56	20	0.00	0.00	-0.59
Bottineau	60	11	0.00	0.00	-0.56
Rugby	57	15	0.00	0.00	-0.58
(3) Cando	56	18	0.00	0.00	-0.35
Cavalier	55	18	0.00	0.00	-0.48
Forest River	54	25	0.00	0.00	-0.49
Grand Forks	51	25	0.05	0.05	-0.48
Langdon	54	20	0.00	0.00	-0.40
St. Thomas	54	27	0.00	0.00	-0.49
(4) Hazen	59	11	0.01	0.01	-0.82
Turtle Lake	58	14	0.00	0.00	-0.69
Watford City	61	25	0.10	0.10	-0.48
(5) Carrington	56	14	0.00	0.00	-0.64
Harvey	58	12	0.00	0.00	-0.32
Jamestown	56	18	0.04	0.04	-0.60
Robinson	57	16	0.00	0.00	-0.59
Streeter	54	15	0.02	0.02	-0.56
(6) Dazey	54	20	0.02	0.02	-0.60
Fargo	53	25	0.10	0.10	-0.54
Hillsboro	52	24	0.07	0.07	-0.66
(7) Beach	61	18	0.41	0.41	-0.26
Bowman	59	13	0.30	0.30	-0.26
Dickinson	60	17	0.20	0.20	-0.61
Hettinger	58	19	0.19	0.19	-0.48
(8) Mandan	58	15	0.06	0.06	-0.59
Linton	56	17	0.05	0.05	-0.55
(9) Edgeley	53	20	0.08	0.08	-0.69
Oakes	54	19	0.17	0.17	-0.66
Wyndmere	51	24	0.24	0.24	-0.59

Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 13, 2008

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest	40	0	0.07	0.07	-0.52
N. Central	36	-1	0.00	0.00	-0.58
Northeast (3)	38	0	0.01	0.01	-0.45
W. Central	38	-3	0.04	0.04	-0.66
Central	35	-4	0.01	0.01	-0.54
E. Central(6)	38	-2	0.06	0.06	-0.60
Southwest	38	-2	0.28	0.28	-0.40
S. Central(8)	36	-4	0.06	0.06	-0.57
Southeast	36	-3	0.16	0.16	-0.65

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

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